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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/353,160 | 07/14/1999 | MARKKU KORPI | 99P7704US | 3063 |

7590 09/10/2002

SIEMENS CORPORATION
INTELLECTUAL PROPERTY DEPARTMENT
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EXAMINER

ABELSON, RONALD B

ART UNIT PAPER NUMBER

2663

DATE MAILED: 09/10/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

10G

Office Action Summary

Application No.

09/353,160

Applicant(s)

KORPI ET AL.

Examiner

Ronald Abelson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 July 1999.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 July 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. 6) ☐ Other: _____

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Drawings

1. The drawings are objected to under 37 CFR 1.83(a) because they fail to show the LAN (fig. 2 element 101) and the network terminal/device (fig. 2 element 102) as described in the specification on page 5 lines 4 -15. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

2. The disclosure is objected to because of the following informalities: On page 7 col. 19, applicant uses the term "and the like". This term does not further describe "domain-restricted functionality".

Appropriate correction is required.

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Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-3, 5-8, 10-15, and 17-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cisco Systems in view of Kanter (WO 98/59470).

Regarding claim 1, Cisco Systems teaches a method and apparatus for a H.323 endpoint (fig. 1 H.323 terminal), comprising: an H.323 controller (fig. 1 Cisco gatekeeper) configured to handle call and control signaling during a media communication with another H.323 endpoint via a gatekeeper (pg. 7 Inter-Zone Call without Proxy, pg. 7 Inter-Zone Call with Proxy) or directly with another H.323 endpoint (pg. 6 Intra-Zone Call). The H.323 controller provides for communication for address resolution (pg. 6 Intra-Zone Call, pg. 7 Inter-Zone Call without Proxy, pg. 7 Inter-Zone Call with Proxy).

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Cisco Systems is silent on virtual domains.

Kanter teaches virtual domains supporting the H.323 protocol (pg. 2 lines 4 - 5, pg. 3 lines 6 - 10).

Therefore it would have been obvious to one of ordinary skill in the art, having both Cisco Systems and Kanter before him/her and with the teachings [a] as shown by Cisco Systems, a multimedia conference apparatus supporting H.323, and [b] as shown by Kanter, virtual domains supporting the H.323 protocol, to be motivated to modify the system of Cisco Systems by incorporating virtual domains. This modification can be performed in software. This would improve the system since it is more economical to use virtual domains than permanent ones.

Regarding claims 6, 13, 17, and 19, in addition to the limitations listed in claim 1, the combination of Cisco Systems and Kanter teaches a database (table, Kanter: fig. 2 element 19, pg. 3 lines 11 - 17).

Regarding claim 11, in addition to the limitations listed in claim 1, the combination of Cisco Systems and Kanter teaches a packet-switched network (Cisco Systems: pg. 2 see definition of H.323).

Regarding claims 2, 7, 12, 14, 15, 18, H.323 controller determines domain of a called party (Cisco Systems: pg. 6 Intra-Zone Call step 2).

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Regarding claims 3 and 8, H.323 controller provides gatekeeper with CDI during an address resolution phase in a gatekeeper routed signal mode (Cisco Systems: pg. 7 Inter-Zone Call without Proxy step 3).

Regarding claims 5 and 10, H.323 endpoint comprises a client terminal or gateway (Cisco Systems: fig. 1, H.323 terminal, Gateway).

2. Claims 4, 9, 16, 20, and 21 rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Cisco Systems and Kanter as applied to claim 1 above, and further in view of Christie (US 6,445,695).

Regarding claims 4, 9, 16, and 20, the combination of Cisco Systems and Kanter is silent on bandwidth management (col. 4 line 53 - 67). Note, the applicant defines bandwidth management as a domain-restricted function (spec: pg. 7 lines 5 - 19).

Therefore it would have been obvious at the time of the invention of the applicant to have the gatekeeper perform bandwidth management. This could be done by having the bandwidth management functions conform to H.323 protocol standards.

Regarding claim 21, CDI identifies an association of endpoints with a virtual domain associated with multiple of said at least one gatekeeper (Cisco Systems: pg. 7-8, Inter-Zone Call without Proxy, Inter-Zone Call with Proxy).


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Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ronald Abelson whose telephone number is (703) 306-5622. The examiner can normally be reached on M-F.

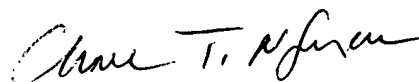
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on (703) 308-5340. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9600.


Ronald Abelson
Examiner
Art Unit 2663



September 4, 2002



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